

Claims

- [c1] An insect trap for luring and trapping an insect therein, comprising:
- a) an aperture in a chamber of said trap;
 - b) a first set of a plurality of deflectable strips constituting a crawl path leading from said aperture into the interior of said chamber;
 - c) an enclosure for surrounding said crawl path to form an enclosed passageway which closes at distal end of said crawl path; and
 - d) an insect attractant to lure said insect;
- wherein said insect enters said aperture and crawls along said deflectable strips toward said distal end of said path, said deflectable strips are deflected to reveal an opening at the distal end of said path, said deflectable strips change from an initial closed position with said enclosure to an open position to allow said insect to enter said chamber, said deflectable strips return to said initial closed position with said enclosure upon the departure of said insect from said deflectable strips.
- [c2] The trap of claim 1, wherein said enclosure comprises a second set of a plurality of deflectable strips.

- [c3] The trap of claim 1, wherein said enclosure comprises a plurality of walls enclosing said crawl path.
- [c4] The trap of claim 1, wherein said trap includes an array of tines mounted to the underside surfaces of said deflectable strips.
- [c5] The trap of claim 1, wherein said trap includes an oily material coated to the underside surfaces of said deflectable strips.
- [c6] The trap of claim 1, wherein said trap includes a plurality of deflectable strips comprising a plurality of tines at the distal end thereof.
- [c7] The trap of claim 1 including a plurality of deflectable strips wherein end portions of said deflectable strips are bent downwardly to form a protective cover covering said distal end of said crawl path.
- [c8] The trap of claim 1 including a plurality of deflectable strips wherein end portions of said deflectable strips are bent into a vertical position to guide said insect to exit upwardly.
- [c9] The trap of claim 1 including a slidable tray containing said insect attractant.

- [c10] The trap of claim [Claim Reference] including a cross-wired mesh cover covering said tray to deny direct access of said insect to said insect attractant.
- [c11] The trap of claim 1, wherein said insect attractant comprises a light tube emitting light to attract said insect.
- [c12] An insect trap for luring and trapping an insect therein, comprising:
- a) an aperture in a chamber of said trap;
 - b) a bottomless enclosure having an open rear end encompassing said aperture;
 - c) a plurality of deflectable strips constituting the bottom floor of said enclosure and having distal ends of said strips to come in contact with an inner surface of said enclosure; and
 - d) an insect attractant to lure said insect;
- wherein said insect enters said aperture and crawls along said deflectable strips, said deflectable strips deflect to reveal an opening at the distal end of said strips, said deflectable strips change from an initial closed position with said enclosure to an open position to allow said insect to enter said chamber, said deflectable strips return to said initial closed position with said enclosure upon the departure of said insect from said deflectable strips.
- [c13] The trap of claim [Claim Reference], wherein said trap

includes an array of tines mounted to the underside surfaces of said deflectable strips.

[c14] The trap of claim [Claim Reference], wherein said trap includes an oily material coated to the underside surfaces of said deflectable strips.

[c15] The trap of claim [Claim Reference], wherein said trap includes a plurality of deflectable strips comprising a plurality of tines at the distal end thereof.

[c16] The trap of claim [Claim Reference], wherein said insect attractant comprises a light tube emitting light to attract said insect.

[c17] The trap of claim [Claim Reference] including a slidable tray containing said insect attractant.

[c18] An insect trap for luring and trapping an insect therein, comprising:

a) an aperture in a chamber of said trap;

b) an enclosure comprising a plurality of deflectable strips configured to have an inner passageway; and

c) an insect attractant to lure said insect;

wherein the distal end portion of said enclosure is bent upwardly to guide said insect to exit upwardly; said insect enters said aperture and moves along said deflectable strips in said passageway, said deflectable

strips deflect to reveal an opening at the distal end of said strips, said deflectable strips change from an initial closed position with said enclosure to an open position to allow said insect to enter said chamber, said deflectable strips return to said initial closed position with said enclosure upon the departure of said insect from said deflectable strips.

[c19] The trap of claim [Claim Reference], wherein said trap includes a plurality of deflectable strips comprising a plurality of tines at the distal end thereof.

[c20] The trap of claim [Claim Reference], wherein said insect attractant comprises a light tube emitting light to attract said insect.